

ABSTRACT OF THE DISCLOSURE

An LCD control unit includes a software adjustment block for adjusting the γ -correction voltages by a software. The LCD control unit includes a voltage generator block generating n γ -correction voltages and m Vcom voltages based on a voltage address signal, a voltage selecting block selecting a pair of γ -correction voltages and a Vcom voltage based on a time series polarity control signal, and an LCD driver having a γ -correction resistor string which receives the γ -correction voltages at both the ends thereof. The LCD driver converts external data signals into display voltages having voltages corrected by the outputs from the γ -correction resistor string.

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